

## ABSTRACT OF THE DISCLOSURE

The present invention relates to a human CTGF-2 polypeptide and DNA (RNA) encoding such polypeptide. Also provided is a procedure for producing such polypeptide by recombinant techniques and antibodies and antagonist/inhibitors against such polypeptide. Also provided are methods of using the polypeptide therapeutically for stimulating angiogenesis enhancing the repair of connective and support tissue, promoting the attachment, fixation and stabilization of tissue implants and enhancing wound healing. Diagnostic assays for identifying mutations in nucleic acid sequence encoding a polypeptide of the present invention and for detecting altered levels of the polypeptide of the present invention are also disclosed.